

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		05/15/2012		1700			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :		
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	05/15/2012 0600
		Position:		Operations Section Chief		To:	05/15/2012 1700
7. Personnel Roster Assigned							
Name		ICS Position			DUTY CELL		
Dan Capone		Operations Section Chief					
Joe Victory		Operations Section Chief					
Rex Johnson		Deputy Director					
Dan Zahner		Field Team Lead					
Greg Wagner		CBM Team 2					
8. Activity Log							
Activity Area						LAT	LAT
						Various (DD.MMMM)	Various (DD.MMMM)
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>					
		<u>DENSITY OF OIL /SHEEN</u>					
Total Collection Points							
Total Boom Deployed							
Activity		<u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u>					
		Greg Wagner and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (2) Water & Sediment Temperature & Level Readings.					
		<ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0745- 1500: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. 					
		<u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u>					
		LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL		
		MP 2.25 (C 0.0 Launch)	69.2	61.1	3.3		
		MP 5.25 (C0.4 Launch)	61.0	61.6	2.1		
		MP 10.0 (C3.2 Launch)	62.5	60.6	1.9		
		MP 15.0 (C5 Launch)					
		MP 18.75 (D2 Launch)					
		MP 21.5 (D5)					
		MP 27.0 (E0.5 Launch)					
MP 30.0 (E2 Launch)							
MP 35.0 (E3 Launch)							
MP 38.0 (E4 Launch)							
AVERAGE	64.23	61.10	2.43				

WEEKLY/AFTER RAIN EVENT INSPECTION:**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:**Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Observed silver sheen ribbons along the edge of and inside of the collected debris at various stretches along the inside of the boom. Area of sheen is 100' x 1' = 100 sq. ft.

MP 8.50 L1 (8.48 LDB): Observed ribbons of silver sheen inside the containment area. Area of sheen is 4' x 1' = 4 sq. ft.

MP 8.50 L3 (8.48 LDB): Small points of silver sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 8.75 R1: Buildup of silver sheen observed within containment. Area of sheen is 30' x 3' = 90 sq. ft.

MP 9.00 I2 (8.97I): Very minute amount of silver oil sheen observed within containment. Amount of sheen observed is 1' x 1' = 1 sq. ft.

MP 10.75 LDB: Silver sheen and globules observed within containment. The globules observed were ¼" dia. and smaller. Area of sheen is 10' x 4' = 40 sq. ft.

MP 11.75 L2 (11.79 LDB): Very small quantity of silver sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn):

MP 21.50 (Oxbow):

MP 30.8 LDB:

MP 37.75 (E4):

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: 100 sq. ft.

Total sheen within containment: 136 sq. ft.

Total Sheen: 236 sq. ft.

	<u>Helicopter Fly-Over Pictures:</u> CBM 2 had no Situation Photo Log pictures to inspect today.
Health and Safety Issues	None
Comments	None.